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**MEMORANDUM**

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TO: RANDY HILL, PUBLIC WORKS DIRECTOR  
FROM: JON LUTZ, CITY ENGINEER  
SUBJECT: 2011 CEDAR STREET CULVERT EXTENSIONS  
DATE: November 14, 2011

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**INTRODUCTION:**

The total construction contract amount with Sulzberger Excavating is \$544,652.40. Change orders 1 and 2 are required due to plan modifications and unforeseen conditions.

**BACKGROUND:****Change order # 1:**

At culvert 1, the existing south wing wall footing condition was poor and would fail without additional means of stabilization. Two concrete beams each 12' x 18" x 18" with 8 #7 bars were designed by the engineer to span between the wall extensions. Change order #1 increases the contract amount by \$5,225.00.

**Change order #2:**

At Culvert 2, construction plans did not call for steel dowels between the existing concrete box culvert and the new concrete culvert extension. Dowels were deemed necessary by the engineer during construction. Change order #2 increases the contract amount by \$2,865.50.

A More detailed explanation is listed on the change order documents.

The new contract total after change order #2 is \$552,742.90.

**RECOMMENDATION/RATIONALE:**

I recommend City Council approve change orders 1 and 2.

**ADDITIONAL INFORMATION:**

1. Change order 1.
2. Change order 2.

**SULZBERGER EXCAVATING INC**

1500 South Houser Street  
MUSCATINE, IA 52761

**ADDITIONAL WORK ORDER**

Phone (563) 263-1697  
Fax (563) 263- 0522

TO:

City of Muscatine  
Public Works  
1459 Washington St  
Muscatine Iowa 52761

Attn: Jon Lutz

Phone	Date 10-31-11
JOB NAME/ LOCATION Cedar Street Culvert Extentions Muscatine Iowa 52761	
CONTRACT/JOB NUMBER	JOB PHONE

We hereby agree to the change (s) or additional work specified below:

Pouring two concrete beams between the walls on Culvert #1

Lump Sum

\$5,225.00

Note: This Change Order becomes part of and in conformance with the existing contract.

**We AGREE** hereby to make the change (s) specified above at this price

(\$5,225.00)

Date of agreement:

10-31-11

PREVIOUS CONTRACT AMOUNT

\$ 544,652.40

Authorized Signature (contractor)

REVISED CONTRACT TOTAL

\$549,877.40

Payment will be made as follows:

**Accepted** – The above prices and specifications of this Change

Order are satisfactory and are hereby accepted.

All work to be performed under same terms and conditions  
as specified in original contract unless otherwise stipulated.

Date of acceptance:

Authorized Signature (owner)

**SULZBERGER EXCAVATING INC**  
1500 South Houser Street  
MUSCATINE, IA 52761

# **ADDITIONAL WORK ORDER**

**Phone (563) 263-1697**  
**Fax (563) 263- 0522**

TO:

City of Muscatine  
Public Works  
1459 Washington St  
Muscatine Iowa 52761

**Attn: Jon Lutz**

<b>Phone</b>	<b>Date</b> 11-01-11
<b>JOB NAME/ LOCATION</b> Cedar Street Culvert Extentions Muscatine Iowa 52761	
<b>CONTRACT/JOB NUMBER</b>	<b>JOB PHONE</b>

**We horeby agree to the change (s) or additional work specified below:**

We are requesting an extra work order for the drilling, doweling, and epoxying reinforcing steel into the existing RCB structure and the placed pre-cast structures at Culvert #2. This is for work that was not included in the plans.

**Lump Sum**

**\$2,865.50**

**Note: This Change Order becomes part of and in conformance with the existing contract.**

**We AGREE hereby to make the change (s) specified above at this price**

**(\$2,865.50)**

**Date of agreement:** \_\_\_\_\_

**PREVIOUS CONTRACT AMOUNT**

**\$ 549,877.40**

**Authorized Signature (contractor)**

**REVISED CONTRACT TOTAL**

**\$552,742.90**

**Payment will be made as follows:**

**Accepted** – The above prices and specifications of this Change Order are satisfactory and are hereby accepted.

All work to be performed under same terms and conditions as specified in original contract unless otherwise stipulated.  
Date of acceptance:

**Authorized Signature (owner)**